2019 CERTIFICATION

:2020 AUG 21 AM 8: 10

Consumer Confidence Report (CCR)

		Walls Water Association
		Public Water System Name
		017/019 + 017043
	• 1	List PWS ID #s for all Community Water Systems included in this CCR
must	be mailed or delivest. Make sure you	ring Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute to Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR wered to the customers, published in a newspaper of local circulation, or provided to the customers upon u follow the proper procedures when distributing the CCR. You must email, fax (but not preferred) or CR and Certification to the MSDH. Please check all boxes that apply.
	Customers were	informed of availability of CCR by: (Attach copy of publication, water bill or other)
		☐ Advertisement in local paper (Attach copy of advertisement)
		☐ On water bills (Attach copy of bill)
		☐ Email message (Email the message to the address below)
		□ Other
	Date(s) custon	mers were informed: <u>0 7</u> / <u>022020</u> / <u>/2020</u> / /2020
	CCR was distr	ibuted by U.S. Postal Service or other direct delivery. Must specify other direct delivery
	Date Mailed/I	Distributed:/ /
		outed by Email (Email MSDH a copy) Date Emailed: / / 2020
		□ As a URL(Provide Direct URL)
		☐ As an attachment
		☐ As text within the body of the email message
	Name of New	shed in local newspaper. (Attach copy of published CCR or proof of publication) spaper: Desolo Times d: 07/02/2020
		in public places (Attack 15-4 Cl. 12
		d in public places. (Attach list of locations) Date Posted: / /2020 d on a publicly accessible internet site at the following address:
I here above and co of Hea	orrect and is consist alth, Bureau of Publ Cather	dent, Mayor, Owner, Admin. Contact, etc.) Date
		Submission options (Select one method ONLY)

Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215

Email: water.reports@msdh.ms.gov

Fax: (601) 576 - 7800
**Not a preferred method due to poor clarity **

CCR Deadline to MSDH & Customers by July 1, 2020!

PATRENTED WATER SUPPLY

2019 Annual Drinking Water Quality Report JUN 26 AM 8: 23

Walls Water Association, Inc. PWS#: 0170019 & 0170043 June 2020

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to providing you with information because informed customers are our best allies. Our water source is from wells drawing from the Lower Wilcox Aguifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Walls Water Association have received lower to moderate rankings in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Eric Hildebrand at 662.781.3722. We want our valued customers to be informed about their water utility. If you have a concern, you can meet with the board, by request at our regularly scheduled meetings. They are held on the fourth Tuesday of the month at 4:00 PM at the Walls Water Office located at 6200 Goodman Road Walls, MS 38680.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2019. In cases where monitoring wasn't required in 2019, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

PWS ID#0	170019	9		TEST R	ESU.	LTS					
Contaminant	Violation Y/N	Date Collected	Level Detecte	Range of Det d # of Samp Exceedir MCL/ACL/M	les g	Unit Measure -ment	MCL	.G	MCL	Likel	y Source of Contamination
Inorganic (Contam	inants									
10. Barium	N	2018*	.0104	.01020104		ppm		2		disch	harge of drilling wastes; narge from metal refineries; ion of natural deposits
13. Chromium	N	2018*	.6	No Range		ppb	1	100	10		harge from steel and pulp ; erosion of natural deposits
14. Copper	N	2017/19	.2	0		ppm		1.3	AL=1.	syste	osion of household plumbing ems; erosion of natural osits; leaching from wood ervatives
16. Fluoride	N	2018*	.689	.641689		ppm		4		addit teeth	ion of natural deposits; water tive which promotes strong n; discharge from fertilizer and ninum factories
17. Lead	N	2017/19	1	0		ppb		0	AL=1		osion of household plumbing ems, erosion of natural osits
Sodium	N	2019	39000	No Range		PPB		0		Cher	d Salt, Water Treatment micals, Water Softeners and age Effluents.
Disinfection	n Bv-Pı	roducts									
81. HAA5		2019	9	No Range	ppb		0			By-Produ disinfect	uct of drinking water ion.
82. TTHM [Total trihalomethanes]	N	2019	16.4	No Range	ppb		0		80	By-produ chlorinat	uct of drinking water tion.
Chlorine	N	2019	1.2	.8– 1.4	mg/l		0	MRDI		Water ad	dditive used to control

PWS ID#	0170043	3		TEST RES	ULTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples Exceeding MCL/ACL/MRD	Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contam	inants						
10. Barium	N	2018*	.0337	No Range	ppm	2	2	 Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2018*	3.9	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2016/18*	.2	0	ppm	1.3	AL=1.3	B Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2018*	.68	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2016/18*	2	0	ppb	0	AL=1	5 Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019	57000	No Range	РРВ	0	(Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection	n By-Pi	roducts						
81. HAA5		2018* 1		No Range r	ipb (Product of drinking water infection.

82. TTHM [Total trihalomethanes]	N	2019	4.2	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2019	1.3	1.1 - 1.6	mg/l	0	MRDL = 4	Water additive used to control microbes

^{*} Most recent sample. No sample required for 2019.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the Walls Water Association # 0170019 is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride samples results were within the optimal ranger of 0.6 – 1.2 ppm was 11. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6 -1.2 ppm was 89%.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the Walls Water Association – Lake Forest # 0170043 is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride samples results were within the optimal ranger of 0.6 – 1.2 ppm was 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6 – 1.2 ppm was 100%.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Walls Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

^{**} Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.6 - 1.2 mg/l.

DeSoto Times-Tribune AUG 21 AM 8: 18

PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI

COUNTY OF DESOTO

ASHLEY BEVINEAU personally appeared before me the undersigned in and for said County and State and states on oath that she is the CLERK of the DeSoto Times Tribune, a newspaper published in the town of Hernando, State and County aforesaid, and having a general circulation in said county, and that the publication of the notice, a copy of which is hereto attached, has been made in said paper consecutive times, as follows, to-wit:	
Volume No. 1345 on the 3 nd day of July 2020	
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